



Norman H. Bangerter
Governor
Suzanne Dandoy, M.D., M.P.H.
Executive Director
Kenneth L. Aikema
Director

DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH

288 North 1460 West
P.O. Box 16690
Salt Lake City, Utah 84116-0690
(801) 538-6121

December 5, 1988

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DIVISION OF
OIL, GAS & MINING

Mr. Brian Buck
JBR Consultants
1952 East Fort Union Blvd., Suite 209
Salt Lake City, Utah 84121

Re: B.P. Minerals
Barney's Canyon
Partial Plan Comments

Dear Mr. Buck:

We have reviewed the partial submittal on 3 November 1988 of plans and specifications for the Barney's Canyon project and have the following comments:

- a. We are unable to make any statement concerning the approval of heap leach pad plans due to lack of detail. Your office is advised by a letter dated 10 November 1988 that test pits will be required to verify the suitability of rough grading of heap leach pad BC-1 before a construction permit will be issued.
- b. Plan sheet 3-06-600 Rev. 1 shows several areas outside the process ponds which appear to gravity drain into the process ponds. This situation is unacceptable. Surface runoff water may be introduced into the process ponds if it is collected outside the ponds and then pumped into the process ponds.

In addition all upgradient surface runoff areas must have provisions so runoff from a storm event of any magnitude will flow preferably by gravity, or by adequately sized pumps if required, around the process ponds.

The surface water surge barrier should be described in detail.

The intended use of storage areas A and B should be defined.

- c. Plan sheet SK-LJ-2 Rev. A shows an acceptable plan for the process plant with containment of all potential spill areas and with provisions to direct such spills to the process ponds. Additional details indicating material of construction and containment walls must be submitted for review.

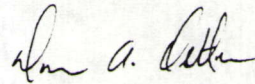
Mr. Brian Buck
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The information requested must be included in an entire project proposal and submitted to the Bureau for further review and comment.

Please call Charlie Dietz if there are any comments.

Sincerely,

Utah Water Pollution Control Committee



Don A. Ostler, P.E.
Executive Secretary

cc: Mr. Gerald Schurtz, B.P. Minerals America
Mr. Bob Ramsey, General Manager, Barney's Canyon Mine
Mr. Leif Jacobsen, Barney's Canyon, P.O. Box 112, Bingham Canyon
Mr. Kent Miner, Salt Lake/City County Health Department
Mr. Lowell Braxton, Division of Oil, Gas, and Mining

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